

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D403/12 C07D401/12 C07D223/16 A61K31/55 A61P13/12
A61P25/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ORJALES A ET AL: "New 3-benzisothiazolyl and 3-benzisoxazolylpiperazine derivatives with atypical antipsychotic binding profile" EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, EDITIONS SCIENTIFIQUE ELSEVIER, PARIS, FR, vol. 37, no. 9, September 2002 (2002-09), pages 721-730, XP004383155 ISSN: 0223-5234 page 721, right-hand column, paragraph 3; compounds 20, 28	1-28
Y	WO 97/25324 A (BASF AKTIENGESELLSCHAFT; TREIBER, HANS-JOERG; BLANK, STEFAN; STARCK, D) 17 July 1997 (1997-07-17) Examples ----- -/--	1-28

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

28 April 2005

Date of mailing of the international search report

09/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HACKLING A E ET AL: "DOPAMINE D3 RECEPTOR LIGANDS WITH ANTAGONIST PROPERTIES" CHEMBIOCHEM - A EUROPEAN JOURNAL OF CHEMICAL BIOLOGY, WILEY VCH, WEINHEIM, DE, vol. 3, no. 10, 4 October 2002 (2002-10-04), pages 946-961, XP001154341 ISSN: 1439-4227 page 955, right-hand column, paragraph 3 - page 958, right-hand column, paragraph 1 -----	1-28
A	WO 00/76981 A (NEUROGEN CORPORATION; ZHAO, HE; THURKAUF, ANDREW) 21 December 2000 (2000-12-21) the whole document -----	1-28
A	LEOPOLDO M ET AL: "Structure-affinity relationship study on N-[4-(4-arylpiperazin-1-yl)b utyl]arylcarboxamides as potent and selective dopamine D3 receptor ligands" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 45, no. 26, 22 November 2002 (2002-11-22), pages 5727-5735, XP002256410 ISSN: 0022-2623 page 5728, left-hand column page 5731, left-hand column, paragraph 2 -----	1-28

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/014118

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9725324	A	17-07-1997	DE	19600934 A1	17-07-1997
			AT	273301 T	15-08-2004
			AU	717726 B2	30-03-2000
			AU	1440797 A	01-08-1997
			BG	64098 B1	31-12-2003
			BG	102616 A	30-04-1999
			CA	2241787 A1	17-07-1997
			CN	1348956 A ,C	15-05-2002
			CN	1212692 A ,C	31-03-1999
			CZ	9802159 A3	12-05-1999
			DE	59711847 D1	16-09-2004
			WO	9725324 A1	17-07-1997
			EP	0877744 A1	18-11-1998
			ES	2225947 T3	16-03-2005
			HR	970021 A1	30-04-1998
			HU	9901590 A2	30-08-1999
			IL	125076 A	20-05-2001
			JP	2000505072 T	25-04-2000
			NO	983187 A	09-09-1998
			NZ	326332 A	29-04-1999
			PL	327692 A1	21-12-1998
			SK	94198 A3	10-03-1999
			TR	9801302 T2	23-11-1998
			TW	475929 B	11-02-2002
			US	6214822 B1	10-04-2001
			US	6352981 B1	05-03-2002
			ZA	9700209 A	10-07-1998
WO 0076981	A	21-12-2000	AU	5877500 A	02-01-2001
			WO	0076981 A1	21-12-2000